

Status of Sea Water Quality on the occasion of Vinayagar Chathurthi festival in Puducherry region 2016

Sl. No	Parameter	Pre Immersion		During Immersion		Post Immersion	
		Sample I	Sample II	Sample I	Sample II	Sample I	Sample II
		South Ref.	At immersion point	South Ref.	At immersion point	South Ref.	At immersion point
1	Date of sampling	25.08.2016	25.08.2016	09.09.2016	09.09.2016	12.09.2016	12.09.2016
2	Temperature °C	29	29	29	29	29	29
3	Time	11.00 am	11.30 am	09.30 pm	10.00pm	11.10 am	12.15 pm
4	pH	8.34	8.34	8.04	8.05	8.09	8.09
5	Conductivity ms	51.1	51.0	50.1	50.9	51.2	51.2
6	Turbidity NTU	1.0	1.0	0.1	0.1	0.2	0.2
7	COD	Nil	Nil	Nil	Nil	Nil	Nil
8	BOD mg/l	BDL	BDL	BDL	BDL	BDL	BDL
9	TDS mg/l	38,240	38,942	35,030	33,658	38,774	45,386
10	Total solids mg/l	38,251	38,955	35,057	33,684	38,798	45,412
11	DO mg/l	6.6	6.2	6.8	6.5	6.2	6.3
12	Zinc mg/l	0.14	0.02	0.15	0.02	0.11	0.02
13	Lead mg/l	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
14	Copper mg/l	<0.011	<0.01	<0.01	<0.01	<0.01	<0.01
15	Chromium mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01